

INTERNATIONAL SEARCH REPORT

International Application No

PC 03/00810

Rec'd PCT/PTO 22 APR 2005
10/532435A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01B11/04 G07B17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01B G06G G07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 535 127 A (TAKAHASHI HIROSHI ET AL) 9 July 1996 (1996-07-09) abstract; figure 1 column 1, line 17 -column 2, line 9 ----	1-24
Y	US 5 469 262 A (KEEN HARRY J ET AL) 21 November 1995 (1995-11-21) abstract; claims 1-40; figures 1-7 column 1, line 13 -column 2, line 7 column 2, line 24 -column 2, line 62 ----	1-24
Y	US 2 708 368 A (EMIL KOLISCH) 17 May 1955 (1955-05-17) column 1, line 15 - line 55; claims 1-15 tables IV,V ----- -/--	1-24

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 September 2003

Date of mailing of the international search report

23/09/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 914 464 A (VOGEL KARL) 22 June 1999 (1999-06-22) the whole document -----	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/JP 03/00810

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5535127	A	09-07-1996	JP	3394795 B2		07-04-2003
			JP	7035570 A		07-02-1995
US 5469262	A	21-11-1995	AU	3095595 A		09-02-1996
			WO	9601975 A1		25-01-1996
US 2708368	A	17-05-1955	GB	742051 A		21-12-1955
			US	2812904 A		12-11-1957
US 5914464	A	22-06-1999	DE	19644847 A1		30-04-1998
			DE	29721284 U1		19-03-1998
			DE	59708942 D1		23-01-2003
			EP	0840100 A2		06-05-1998